## (19) World Intellectual Property Organization

International Bureau





(43) International Publication Date 21 April 2005 (21.04.2005)

**PCT** 

## (10) International Publication Number WO 2005/035020 A3

(51) International Patent Classification<sup>7</sup>: A61M 29/00

(21) International Application Number:

PCT/US2004/032866

(22) International Filing Date: 7 October 2004 (07.10.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data: 60/509,367 7 October 2003 (07.10.2003) US

(71) Applicant (for all designated States except US): HENRY FORD HEALTH SYSTEM [US/US]; 1 Ford Place, Suite 4B, Detroit, MI 48202-3450 (US).

(72) Inventor; and

(75) Inventor/Applicant (for US only): MEHTA, Bharat, A. [US/US]; 13648 N. Queens Harbor Boulevard, Jacksonville, FL 32225 (US).

(74) Agent: RINALDO, Amy, E.; Kohn & Associates, PLLC, 30500 Northwestern Highway, Suite 410, Farmington Hills, MI 48334 (US).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM,

AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

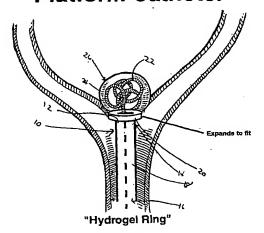
## Published:

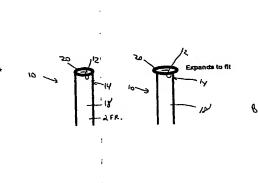
- with international search report
- before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:
  16 June 2005

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: PLATFORM CATHETER

## Platform Catheter





(57) Abstract: A catheter (10) including an end portion having a platform extending substantially radially outwardly therefrom. A catheter for treating aneurysms, the catheter including a lumen (18) having an insertion end (14) and an opposite end (16) and a radially outwardly expandable ring (20) attached to the insertion end of the catheter. An expandable ring capable of being attached to a catheter. A method of treating an aneurysm by inserting the above catheter into an artery in need of treatment.